



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Hideki KOMATSUDA et al.

Group Art Unit: 2882

Application No.: 09/396,582

Examiner: C. Church

Filed: September 15, 1999

Docket No.: 105203

For: EXPOSURE APPARATUS AND EXPOSURE METHOD USING SAME

RCE/2001
*CA\$
#713-01
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**LARGE ENTITY REQUEST FOR
CONTINUED EXAMINATION UNDER 37 C.F.R. §1.114**

Director of the U.S. Patent and Trademark Office
Washington, D.C. 20231

Sir:

Applicants hereby request continued examination and entry and consideration of the attached submission under 37 C.F.R. §1.114. The above-identified application was filed on or after June 8, 1995. Thus, entry is proper under 37 C.F.R. §1.114(d).

Attached hereto is our check no. 119887 in the amount of ☒ \$710.00 as payment of the fees set forth in 37 C.F.R. §1.17(e). The Director is hereby authorized to charge any additional fees or credit any overpayment associated with this communication to Deposit Account No. 15-0461. Two duplicate copies of this page are enclosed.

Respectfully submitted,

James A. Oliff
Registration No. 27,075

Mario A. Costantino
Registration No. 33,565

06/14/2001 SSESHE1 00000053 09396582

01 FC:179	710.00 DP
02 FC:103	342.00 DP
03 FC:102	400.00 DP

JAO:MAC/ccs

Date: June 13, 2001

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Alexandria, Virginia 22320
Telephone: (703) 836-6400

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Please grant any extension
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Alexandria, Virginia 22320
Telephone: (703) 836-6400
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PATENT APPLICATION

Attorney Docket No.: 105203

AMENDMENT TRANSMITTAL

In re the Application of

Hideki KOMATSUDA et al.

Group Art Unit: 2882

Application No.: 09/396,582

Examiner: C. Church

Filed: September 15, 1999

For: EXPOSURE APPARATUS AND EXPOSURE METHOD USING SAME

Director of the U.S. Patent and Trademark Office
Washington, D.C. 20231

Sir:

Transmitted herewith is an Amendment in the above-identified application.

- ☐ Entitlement to small entity status is hereby asserted.
☐ Small entity status of this application has been established.

The filing fee has been calculated as shown below:

	(Column 1)	(Column 2)	(Column 3)	SMALL ENTITY			OTHER THAN A SMALL ENTITY	
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADD'L FEE	OR	RATE	ADD'L FEE
TOTAL CLAIMS	*50 MINUS	**31	=19	x 9	\$		x 18	\$ 342
INDEP CLAIMS	*13 MINUS	***8	=5	x 40	\$		x 80	\$ 400
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				+ 135	\$	OR	+ 270	\$
					\$			\$ 742

- * If the entry in Column 1 is less than the entry in Column 2, write "0" in Column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

The "Highest Number Previously Paid For" in this space (Total or Independent) is the highest number found from the equivalent box in Column 1 of a prior Amendment or the number of claims originally filed.

- ☒ Check No. 119888 in the amount of \$742.00 is attached. The Director is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 15-0461. Two duplicate copies of this sheet are attached.

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Deposit Account No. 15-0461

Respectfully submitted,

James A. Oliff
Registration No. 27,075

Mario A. Costantino
Registration No. 33,565



PATENT APPLICATION

*CA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

8/A
7-19-01
C Brown

In re the Application of

Hideki KOMATSUDA et al.

Group Art Unit: 2882

Application No.: 09/396,582

Examiner: C. Church

Filed: September 15, 1999

Docket No.: 105203

For: EXPOSURE APPARATUS AND EXPOSURE METHOD USING SAME

AMENDMENT FILED WITH RCE

Director of the U.S. Patent and Trademark Office
Washington, D.C. 20231

Sir:

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After entry of the Request for Continued Examination (RCE) filed herewith, please
amend this application as follows:

IN THE CLAIMS:

Please replace claims 1-4, 6, 7, 10, 12, 13, 16, 17, 19 and 20 as follows:

- 21
1. (Amended) An exposure apparatus for exposing with X-rays a pattern present on a mask onto a photosensitive substrate, comprising:
 - a. an optical system having a plurality of reflective surfaces arranged in an optical path to receive the X-rays so as to guide the X-rays to the mask and to transfer the mask pattern onto the photosensitive substrate; and
 - b. a detection apparatus electrically connected to at least one of said reflective surfaces and designed to detect photoelectrically generated electrons from said at least one of said reflective surfaces when said at least one of said reflective surfaces is irradiated with the X-rays, and to provide a first output signal